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PATENT NUMBER and  
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U.S. UTILITY Patent Application

JC879 U.S. PTO  
10/046805

|                      |                           |              |                 |             |      |                    |
|----------------------|---------------------------|--------------|-----------------|-------------|------|--------------------|
| APPL NUM<br>10046805 | FILING DATE<br>01/14/2002 | CLASS<br>438 | SUBCLASS<br>674 | GAU<br>2842 | 2329 | EXAMINER<br>Kilday |
|----------------------|---------------------------|--------------|-----------------|-------------|------|--------------------|

**\*\*APPLICANTS:** Lee Hyo-Jong; Choi Seung-Man; Kang Sang-Bum; Choi Gil-Heyun;

(1a-5 27-30 → class 257/734+  
→ claims 1-27 and 31-62  
class 438/674

**\*\*CONTINUING DATA VERIFIED:**  
1st none 6/26/03

**\*\* FOREIGN APPLICATIONS VERIFIED:**  
1st none 6/26/03

|   |   |                                  |
|---|---|----------------------------------|
| PG-PUB  | DO NOT PUBLISH <input type="checkbox"/>                             | RESCIND <input type="checkbox"/> |
| Foreign priority claimed  | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | ATTORNEY DOCKET NO               |
| 35 USC 119 conditions met   | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | 5649-968                         |
| Verified and Acknowledged Examiners's initials <i>WKE 6/26/03</i>   |   |                                  |
| TITLE : Methods of forming metal layers in integrated circuit devices using selective deposition on edges of recesses and conductive contacts so formed |   |                                  |

U.S. DEPT. OF COMM./PAT. & TM.-PTO-436L (Rev. 12-94)

|  |           |                             |                        |
|--|-----------|-----------------------------|------------------------|
| <b>NOTICE OF ALLOWANCE MAILED</b>  |           | <b>CLAIMS ALLOWED</b>       |                        |
|  |           | Total Claims                | Print Claim for O.G.   |
| <b>ISSUE FEE</b>   |           | <b>DRAWING</b>              |                        |
| Amount Due   | Date Paid | Sheets Drwg.                | Figs. Drwg. Print Fig. |
|  |           | <b>Application Examiner</b> |                        |
| <input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>  |           | <b>PREPARED FOR ISSUE</b>   |                        |
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